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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Shoemaker et al.

Confirmation No.: 7044

Serial No.: 09/724,538

Art Unit: 1655

Filed: November 28, 2000

Examiner: Lu, F.

For: COMPOSITIONS AND METHODS
FOR EXON PROFILING

Attorney Docket No: 9301-123

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TRANSMITTAL OF FORMAL DRAWINGS

Official Draftsperson
c/o Assistant Commissioner for Patents
Washington, D.C. 20231

Sir/Madam:

Applicants submit herewith as formal drawings Figures 1-7B on ten (10) sheets. The formal drawings are submitted in compliance with the requirements for formal drawings enumerated in 37 C.F.R. §§ 1.84 and 1.85.

No fee is believed due; however, should the Patent and Trademark Office determine otherwise, please charge the required fee to Deposit Account No. 16-1150. A copy of this sheet is enclosed for accounting purposes.

Applicants respectfully request entry of the formal drawings.

Respectfully submitted,

Date: April 1, 2003

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Enclosures

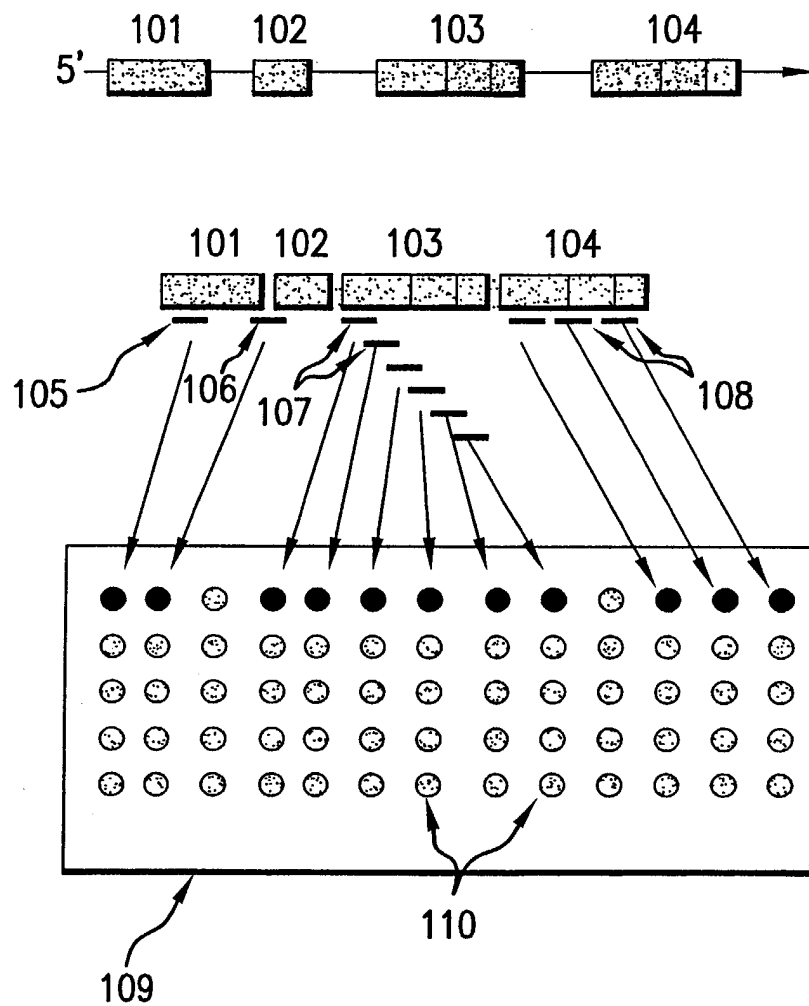


FIG.1

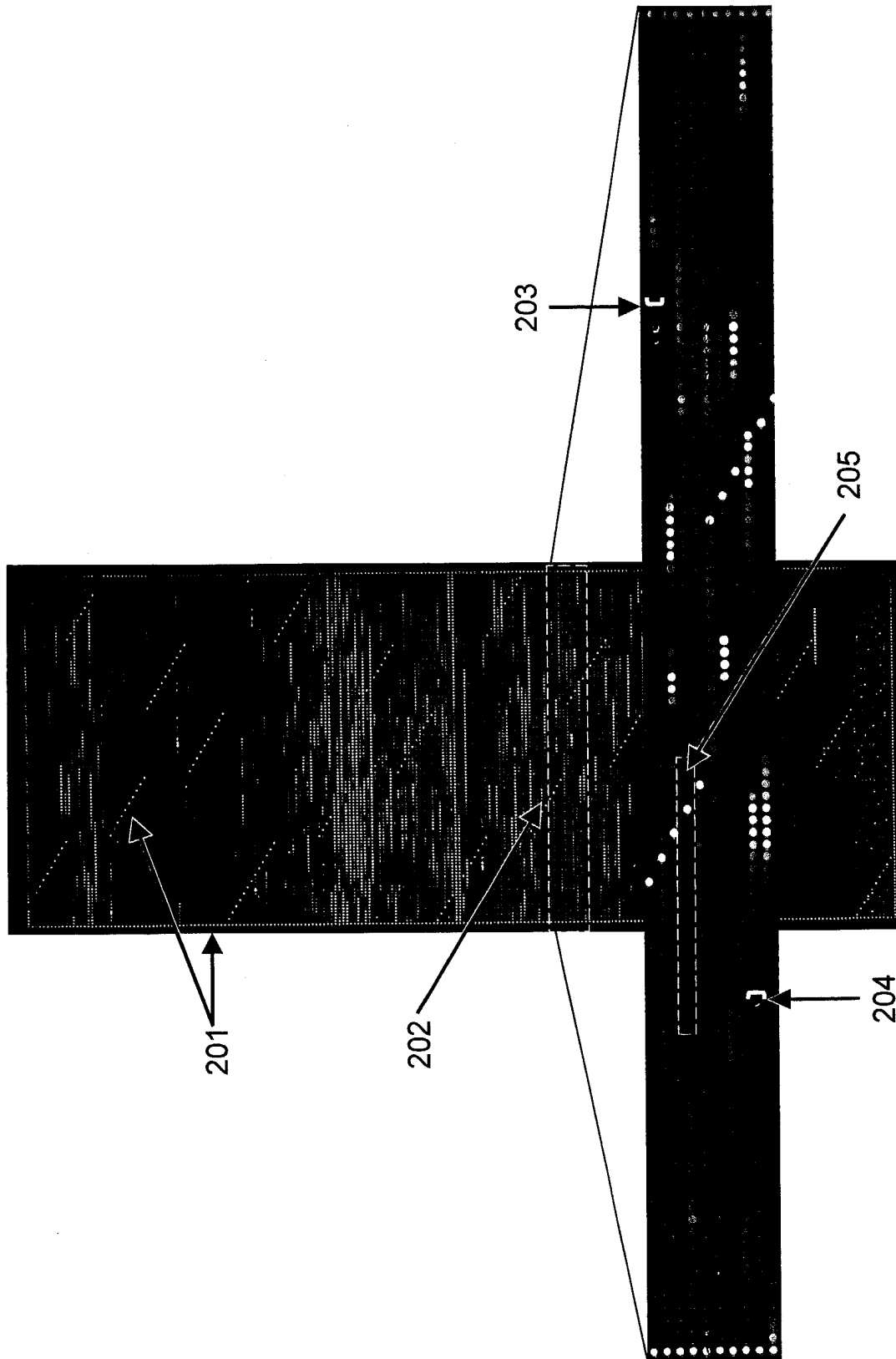


FIG. 2

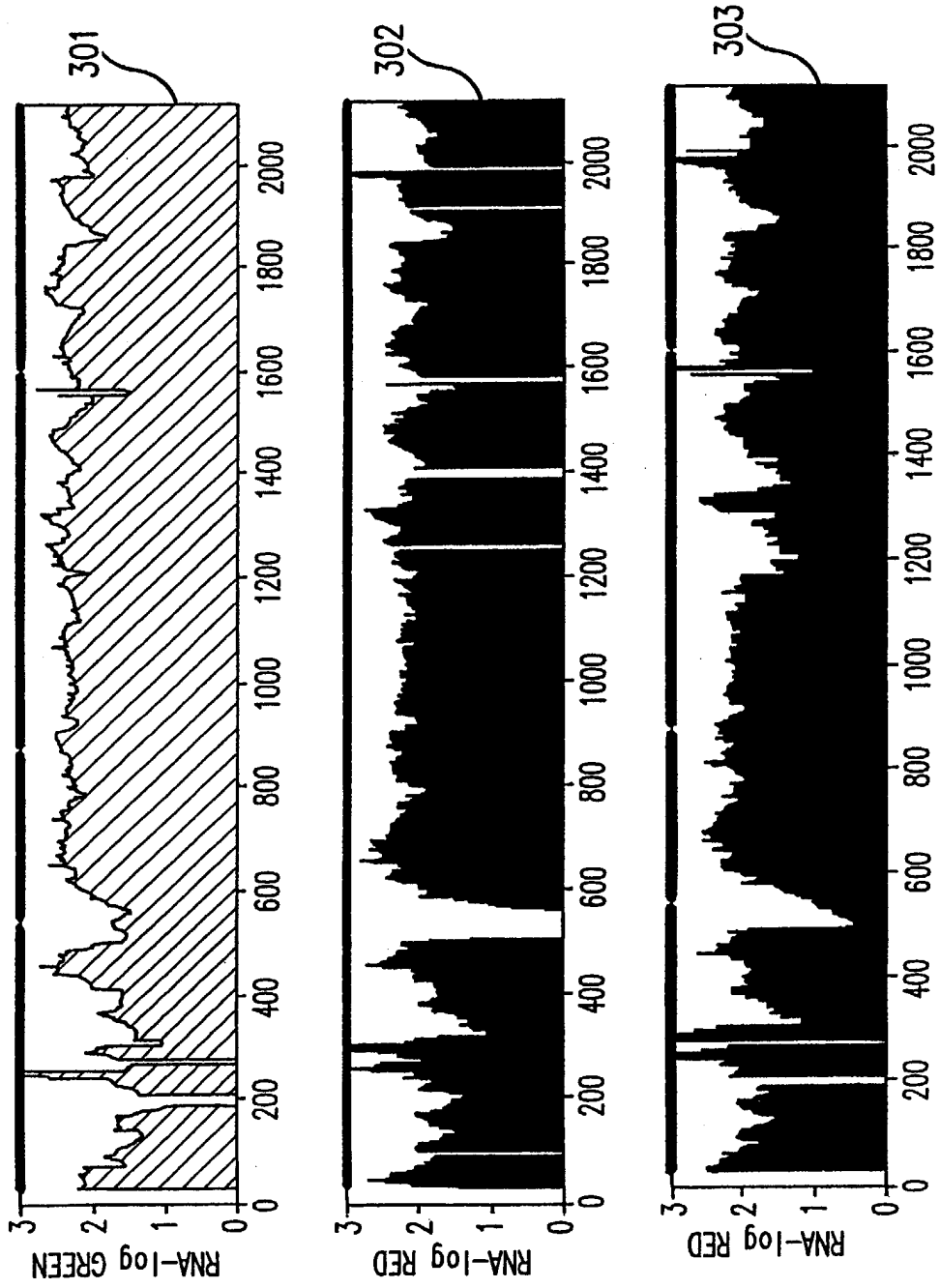
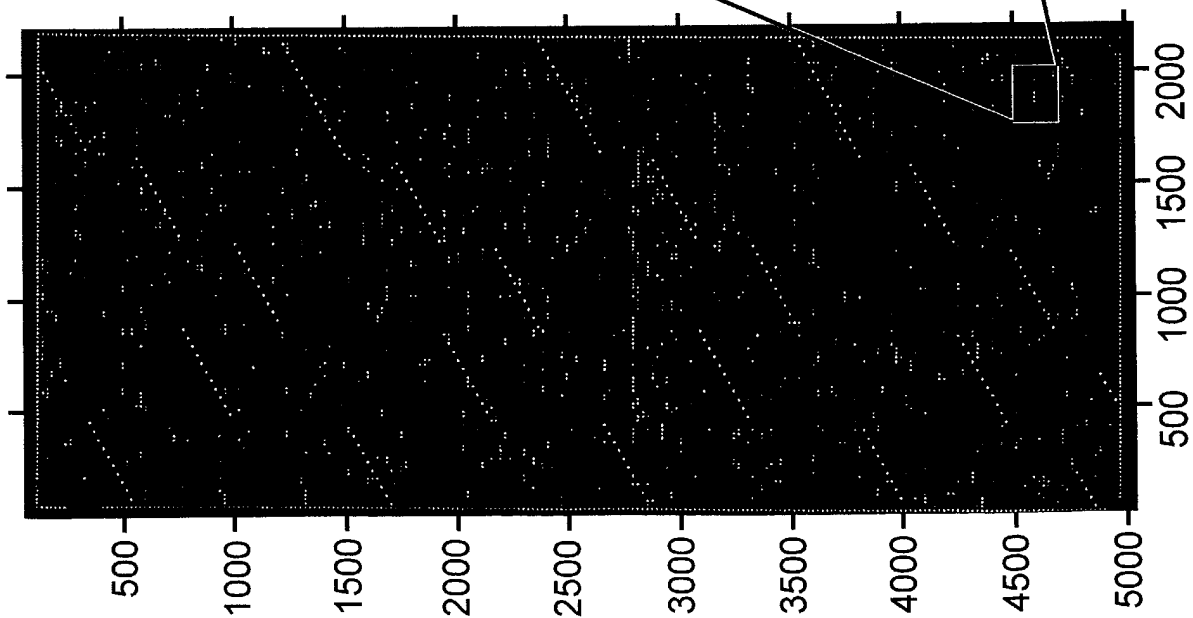


FIG.3

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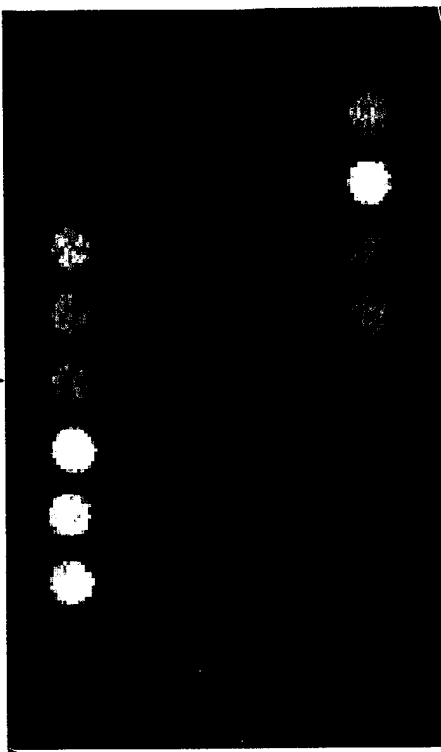
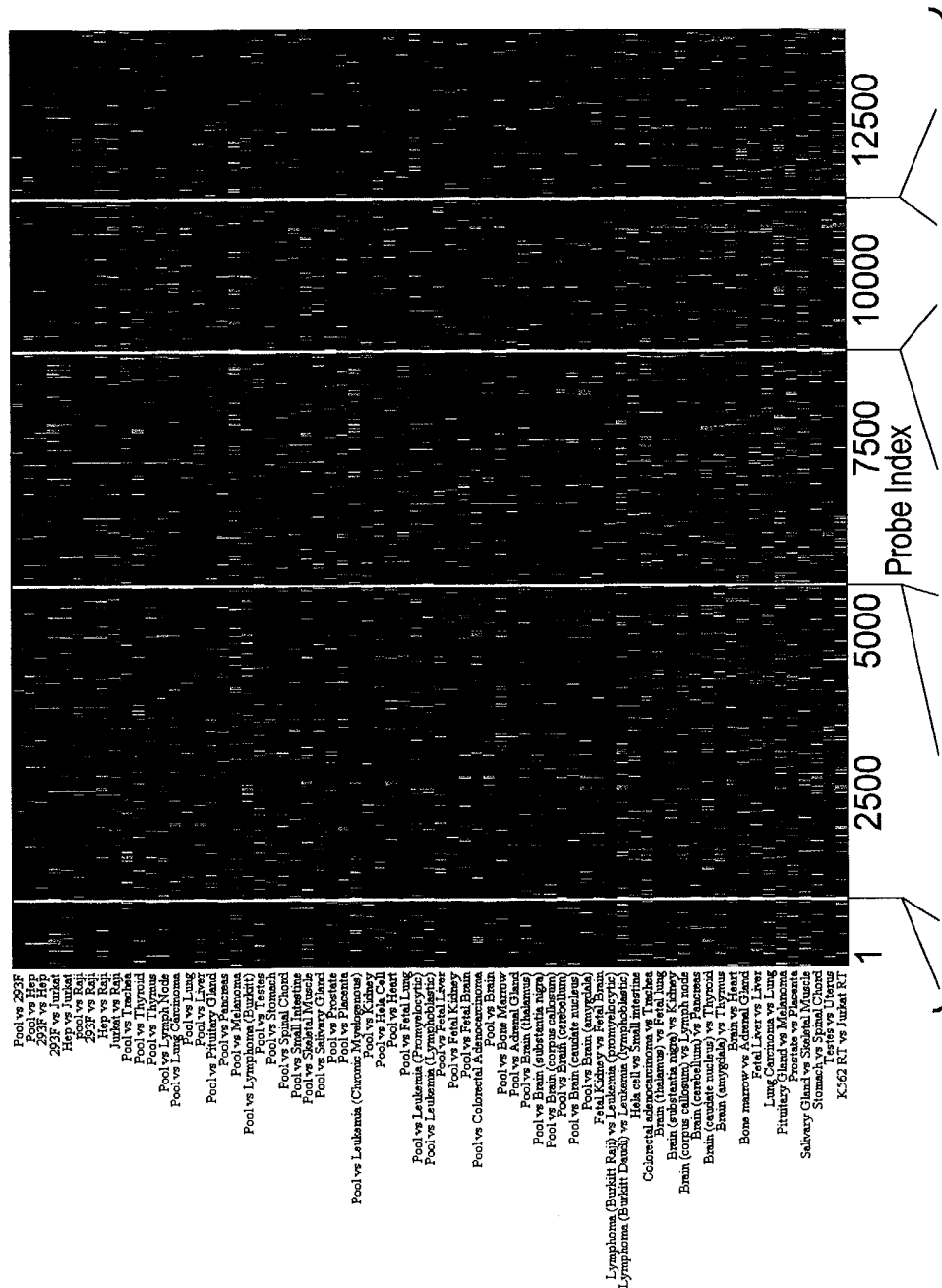


FIG.4A

~8,000 exons covering 33 MB region of Human Chromosome 22

402



CONTINUED ON FIG.4C

FIG.4B

69 experiment conditions

CONTINUED ON FIG.4B

69 experiment conditions

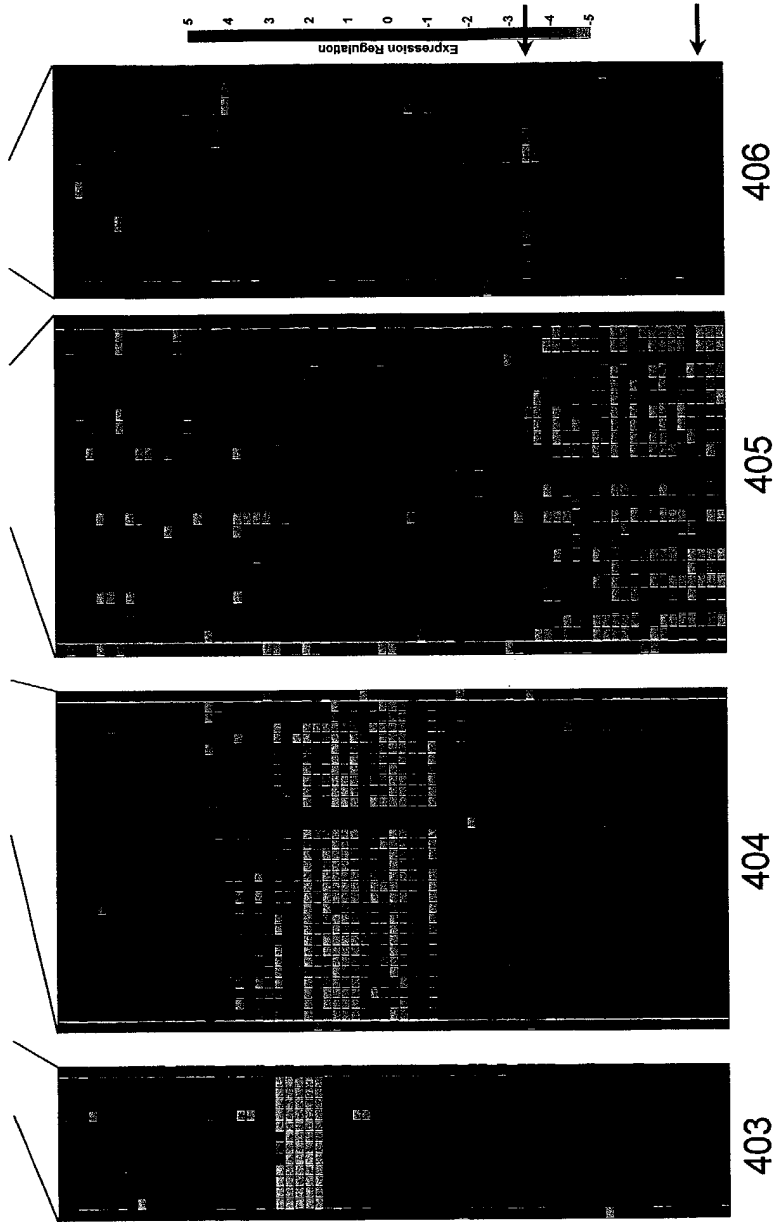


FIG.4C

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57 U.S. PTO

Inventor(s): SHOEMAKER ET AL.
Title: "COMPOSITIONS AND METHODS FOR EXON PROFILING"

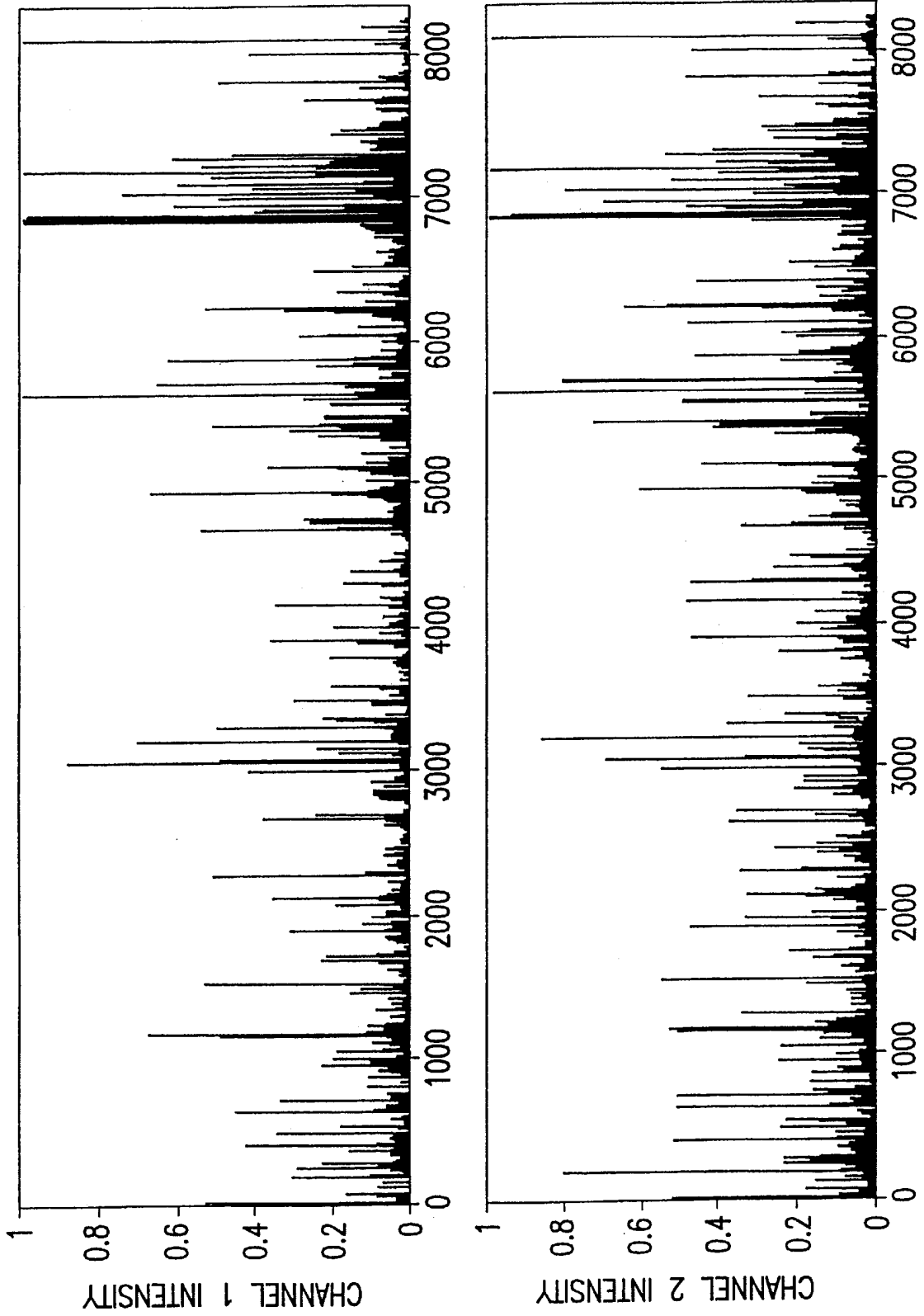


FIG.5

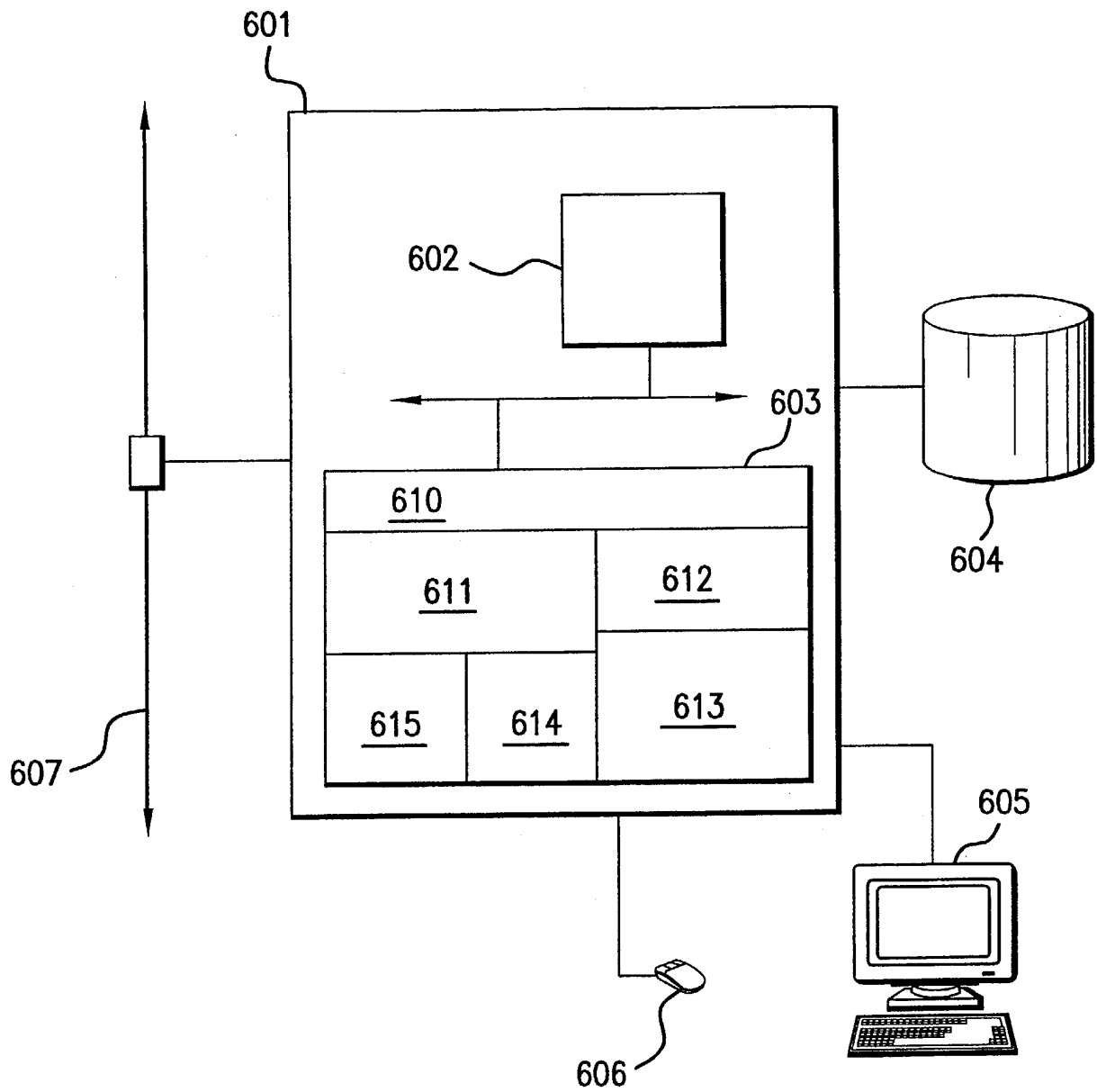


FIG.6

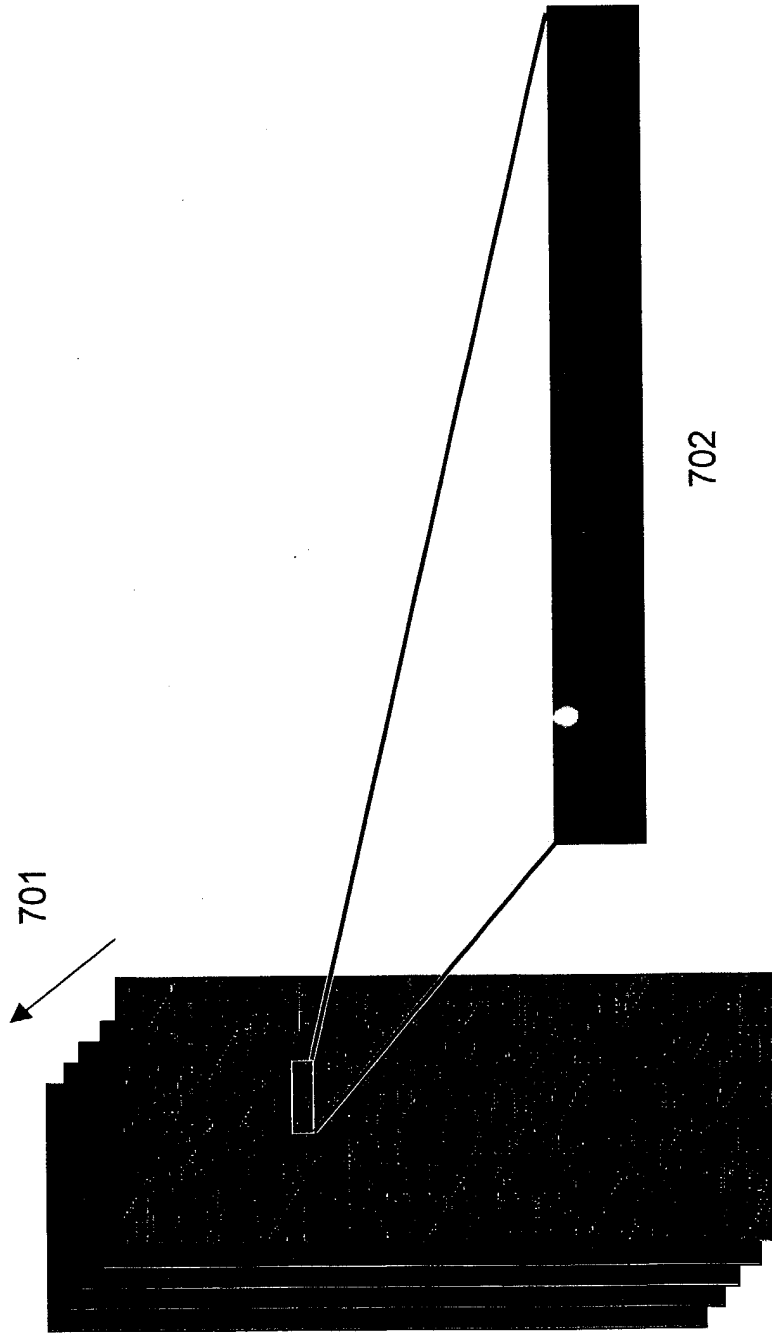


FIG.7A

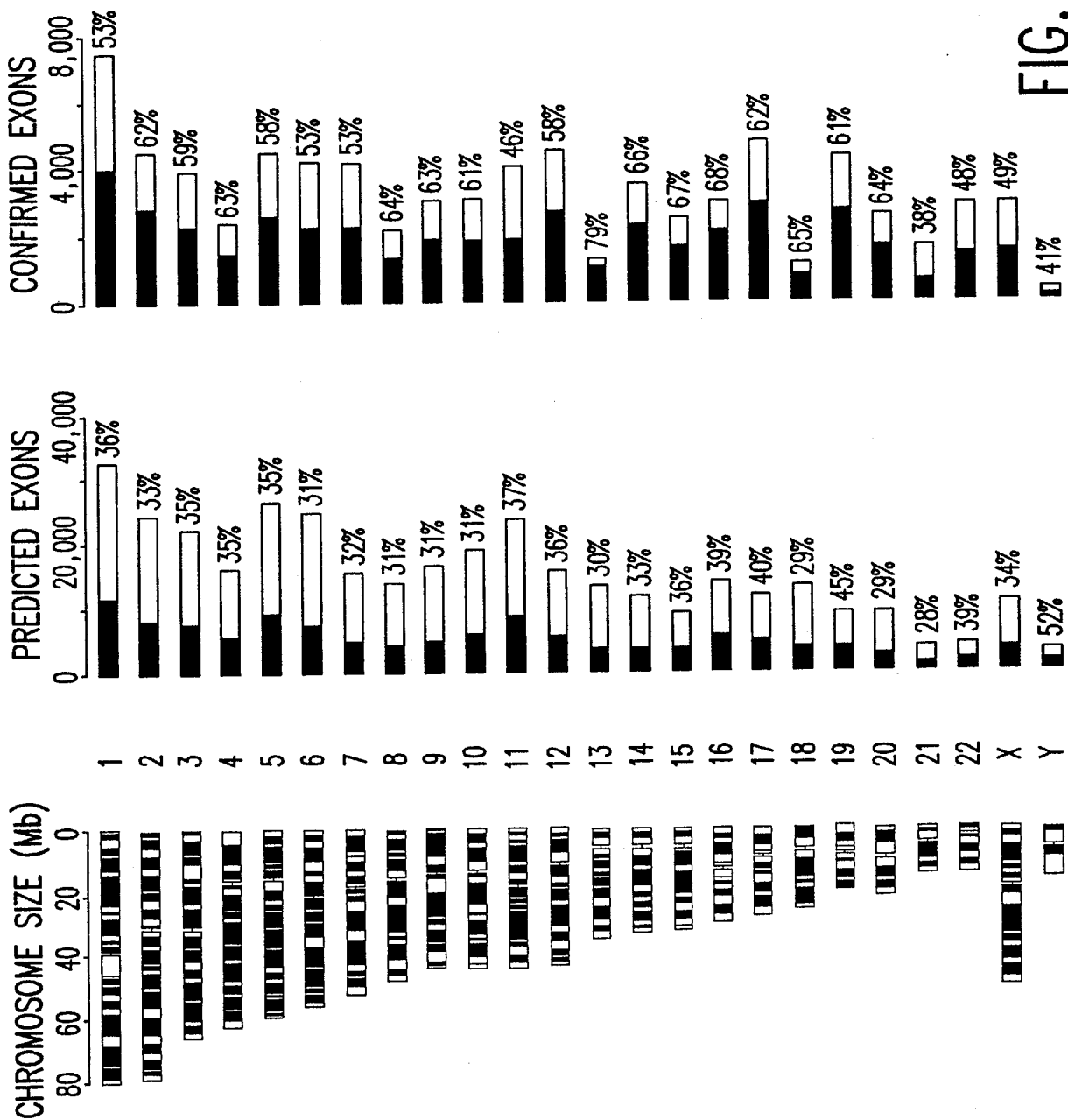


FIG. 7B